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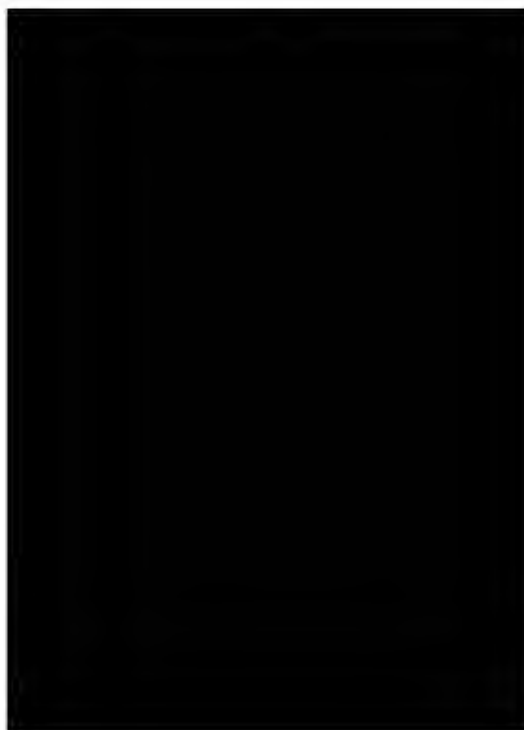
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Wt, AC, ED, PB MCGWG
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COMIREX MAPPING, CHARTING AND GEODESY WORKING GROUP

Minutes of Meeting Held in Room 1D918
Pentagon
1300 -1600 , 26 January 1968

PRESIDING



Purpose of Meeting

1. The Chairman expressed that [REDACTED] Chairman COMIREX, had asked that a review be made of the MC&G requirements for satellite data over the next few years. To proceed toward this objective, future requirement papers prepared by DIA as a portion of a DCI study dealing with Intelligence Aspects of Mapping, Charting and Geodesy had been distributed to Working Group members on 19 January 1968. While it was not definite as to what specific papers should be prepared, it was thought that these papers would serve to get the work underway.

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Plans for Future Meetings

2. The Chairman mentioned that it was planned to have a predominantly briefing meeting in the very near future which would include items of general interest to the Working Group. It was planned that the briefings include:

25X1A a. A presentation by [REDACTED] on Navy use of special data in MC&G.

25X1A b. A briefing by [REDACTED] of US Geological Survey outlining plans for development of a production capability and indicating their proposed production program.

25X1D c. An up-to-date presentation by Army Map Service as to the accomplishments of the more recent KH-4 [REDACTED] missions.

d. Statement by NRO as to the progress on meeting world-wide positioning requirements.

25X1B Chairman further indicated that also in the near future an MC&G Working Group meeting would take up the subject of satellite [REDACTED] capability for MC&G purposes and collection requirements related to the [REDACTED] for target positioning.

25X1B

25X1D

Discussion of Future MC&G Requirements for Satellite Data

25X1A 3. [REDACTED] described the background of the textual data forwarded each member for discussion. He mentioned that it was written in the context of the study for the DCI, but contained the principal substantive information relating to future plans and requirements. As a point of procedure, he recommended that the Working Group review and discuss the information presented from a substantive standpoint and then, assuming agreement, information could be selected and formatted to meet COMIREX needs. [REDACTED] further mentioned that papers circulated for discussion had previously been reviewed with Army, Navy and Air Force and substantive modifications had been incorporated.

25X1A

25X1A [REDACTED] of NRO commented that the information needed to be presented differently, possibly using indexes. He further recommended that no new papers involving potential solutions for world-wide positioning requirements be prepared. In support of this view, NRO was now working on several approaches toward the objective of providing recommendations in about a couple of months for meeting the positioning problem. However, since these approaches

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25X1A were still being refined "in-house", he was not prepared to discuss them at this meeting. [REDACTED] indicated the solutions cited in the discussion papers with regard to the point positioning problem were tentative, based on DIA understanding of the more likely solutions; these were, of course, subject to change as NRO worked on the problem. After discussion, it was agreed that no paper should be prepared on the solutions to the positioning problem at this time.

25X1A [REDACTED] comments and related discussion follows:

25X1A a. [REDACTED] suggested that it might be well to go the route of a separate system to meet mapping requirements because of the potential problems of using a system basically designed for intelligence purposes. It was commented that MC&G would still need the large scale panoramic detail in any event for the mapping operations, particularly with respect to interpretation and delineation of features. [REDACTED] brought out that going for a separate MC&G system could be expected to be much more costly, based on NRO estimates, and that DoD was now engaged in an OSD study to assess the need

25X1A

[REDACTED]

25X1A b. [REDACTED] indicated that the planning for the MC&G area requirements for NEW SEARCH photography for the maintenance of cartographic products should be much more detailed and related more specifically to cartographic revision programs which are based on the use of the satellite data. During the ensuing discussion, it was brought out by DoD representative, that satellite photography for maintenance purposes would need to be acquired under a data bank concept for the same reasons that a data bank was needed for the initial production to produce a satisfactory geometric base. It was cited that the US and the rest of the world could not possibly maintain all large-scale maps up-to-date, but needed to be able to do this work on a quick response basis. During the next several years, very little effort will be available in the MC&G community for updating existing MC&G products, since there is so much to do toward producing once-over coverage to produce a geometric base. However, even though the principal effort is on initial coverage production, the MC&G community must be prepared to revise and bring up-to-date any products on a timely basis. Utilizing the criteria advanced for recovery for updating purposes, it had been determined that these criteria had reduced the 7 to 10 million square mile annual requirement outside the Sino-Soviet in COMOR D-13/65 to 3 to 5 million square miles annually after the

MC&G
rewriting
agrees +
instructions to NRO
to reflect this?

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first year or two. Eventually, possibly in 1 to 2 years, it would be possible to develop limited maintenance programs for updating cartographic products which could be integrated with all other factors for establishing the optimum MC&G collection program. Except for relatively local instances, it would be impractical to undertake this task at this time.

25X1A

c. [REDACTED] raised other questions of a clarification nature and commented that he thought indexes and tables or listing might be necessary in presenting future requirements.

25X1A

It was concluded that perhaps some future discussion was necessary to consider the substantive information in the future requirements papers circulated for discussion by the Working Group, but that the Chairman, Colonel [REDACTED] would discuss with [REDACTED] what was specifically needed by the COMIREX, as the next step.

25X1A

25X1A

Is this
to be
scheduled for
COMIREX?

[REDACTED]
Chairman
COMIREX MC&G Working Group

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